17.11.18

BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Package No.02 (Package consists of 14 works)

First and Part Bill
Detailed Measurement

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	RHS										
	0.00	30.00		1.00	30.00			0.60	0.60	10.80	
	30.00	45.00		1.00	15.00			0.60	0.60	5.40	
	45.00	50.00		1.00	5.00			0.60	0.60	1.80	**culvert**
	50.00	86.00		1.00	36.00			0.60	0.60	12.96	
	86.00	92.00		1.00	6.00			0.60	0.60	2.16	**culvert**
	92.00	122.00		1.00	30.00			0.60	0.60	10.80	
	122.00	152.00		1.00	30.00			0.60	0.60	10.80	
	152.00	172.50		1.00	20.50			0.60	0.60	7.38	
	172.50	179.10		1.00	6.60			0.60	0.60	2.38	**culvert**
	179.10	209.10		1.00	30.00			0.60	0.60	10.80	
	209.10	239.10		1.00	30.00			0.60	0.60	10.80	
	239.10	269.10		1.00	30.00			0.60	0.60	10.80	
	269.10	299.10		1.00	30.00			0.60	0.60	10.80	
	299.10	326.50		1.00	27.40			0.60	0.60	9.86	
	326.50	333.00		1.00	6.50			0.60	0.60	2.34	**culvert**
	333.00	363.00		1.00	30.00			0.60	0.60	10.80	
	363.00	393.00		1.00	30.00			0.60	0.60	10.80	
	393.00	423.00		1.00	30.00			0.60	0.60	10.80	
	423.00	453.00		1.00	30.00			0.60	0.60	10.80	
	453.00	485.60		1.00	32.60			0.60	0.60	11.74	
	485.60	497.00		1.00	11.40			0.60	0.60	4.10	**culvert**
	497.00	527.00		1.00	30.00			0.60	0.60	10.80	
	527.00	557.00		1.00	30.00			0.60	0.60	10.80	
	557.00	587.00		1.00	30.00			0.60	0.60	10.80	
	587.00	617.00		1.00	30.00			0.60	0.60	10.80	
	617.00	647.00		1.00	30.00			0.60	0.60	10.80	
	647.00	677.00		1.00	30.00			0.60	0.60	10.80	
	677.00	707.00		1.00	30.00			0.60	0.60	10.80	
	707.00	712.50		1.00	5.50			0.60	0.60	1.98	
	712.50	719.00		1.00	6.50			0.60	0.60	2.34	
	719.00	749.00		1.00	30.00			0.60	0.60	10.80	

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	749.00	779.00		1.00	30.00			0.60	0.60	10.80	
	779.00	811.00		1.00	32.00			0.60	0.60	11.52	
	LHS										
	0.00	29.90		1.00	29.90			0.60	0.60	10.76	
	29.90	37.20		1.00	7.30			0.60	0.60	2.63	culvert
	37.20	70.50		1.00	33.30			0.60	0.60	11.99	
	70.50	77.10		1.00	6.60			0.60	0.60	2.38	culvert
	77.10	92.00		1.00	14.90			0.60	0.60	5.36	
	92.00	108.30		1.00	16.30			0.60	0.60	5.87	
	108.30	115.20		1.00	6.90			0.60	0.60	2.48	culvert
	115.20	145.20		1.00	30.00			0.60	0.60	10.80	
	145.20	175.20		1.00	30.00			0.60	0.60	10.80	
	175.20	207.00		1.00	31.80			0.60	0.60	11.45	
	207.00	214.60		1.00	7.60			0.60	0.60	2.74	culvert
	214.60	243.10		1.00	28.50			0.60	0.60	10.26	
	243.10	249.80		1.00	6.70			0.60	0.60	2.41	culvert
	249.80	279.80		1.00	30.00			0.60	0.60	10.80	
	279.80	285.00		1.00	5.20			0.60	0.60	1.87	
	285.00	291.00		1.00	6.00			0.60	0.60	2.16	culvert
	291.00	321.00		1.00	30.00			0.60	0.60	10.80	
	321.00	347.70		1.00	26.70			0.60	0.60	9.61	
	347.70	358.20		1.00	10.50			0.60	0.60	3.78	culvert
	358.20	390.00		1.00	31.80			0.60	0.60	11.45	
	390.00	399.50		1.00	9.50			0.60	0.60	3.42	culvert
	399.50	429.50		1.00	30.00			0.60	0.60	10.80	
	429.50	459.50		1.00	30.00			0.60	0.60	10.80	
	459.50	489.50		1.00	30.00			0.60	0.60	10.80	
	489.50	510.00		1.00	20.50			0.60	0.60	7.38	
	510.00	520.00		1.00	10.00			0.60	0.60	3.60	culvert
	520.00	550.00		1.00	30.00			0.60	0.60	10.80	
	550.00	580.00		1.00	30.00			0.60	0.60	10.80	
	580.00	610.00		1.00	30.00			0.60	0.60	10.80	
	610.00	640.00		1.00	30.00			0.60	0.60	10.80	
	640.00	670.00		1.00	30.00			0.60	0.60	10.80	
	670.00	700.00		1.00	30.00			0.60	0.60	10.80	
	700.00	730.00		1.00	30.00			0.60	0.60	10.80	
	730.00	760.00		1.00	30.00			0.60	0.60	10.80	
	760.00	790.00		1.00	30.00			0.60	0.60	10.80	
	790.00	816.00		1.00	26.00			0.60	0.60	9.36	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN										
	RHS										
	0.00	15.00		1.00	15.00			0.60	0.45	4.05	
	15.00	30.00		1.00	15.00			0.60	0.45	4.05	
	30.00	45.00		1.00	15.00			0.60	0.45	4.05	
	45.00	60.00		1.00	15.00			0.60	0.45	4.05	
	60.00	75.00		1.00	15.00			0.60	0.45	4.05	
	75.00	90.00		1.00	15.00			0.60	0.45	4.05	
	90.00	105.00		1.00	15.00			0.60	0.45	4.05	
	105.00	120.00		1.00	15.00			0.60	0.45	4.05	
	120.00	135.00		1.00	15.00			0.60	0.45	4.05	
	135.00	150.00		1.00	15.00			0.60	0.45	4.05	
	150.00	165.00		1.00	15.00			0.60	0.45	4.05	
	165.00	180.00		1.00	15.00			0.60	0.45	4.05	
	180.00	195.00		1.00	15.00			0.60	0.45	4.05	
	195.00	203.00		1.00	8.00			0.60	0.45	2.16	
	LHS										
	0.00	15.00		1.00	15.00			0.60	0.45	4.05	
	15.00	30.00		1.00	15.00			0.60	0.45	4.05	
	30.00	45.00		1.00	15.00			0.60	0.45	4.05	
	45.00	60.00		1.00	15.00			0.60	0.45	4.05	
	60.00	75.00		1.00	15.00			0.60	0.45	4.05	
	75.00	90.00		1.00	15.00			0.60	0.45	4.05	
	90.00	105.00		1.00	15.00			0.60	0.45	4.05	
	105.00	120.00		1.00	15.00			0.60	0.45	4.05	
	120.00	135.00		1.00	15.00			0.60	0.45	4.05	
	135.00	150.00		1.00	15.00			0.60	0.45	4.05	
	150.00	165.00		1.00	15.00			0.60	0.45	4.05	
	165.00	180.00		1.00	15.00			0.60	0.45	4.05	
	180.00	195.00		1.00	15.00			0.60	0.45	4.05	
	195.00	203.00		1.00	8.00			0.60	0.45	2.16	
	SAHAKARNAGAR 3RD MAIN G Block										
	RHS										
	0.00	30.00		1.00	30.00			0.60	0.45	8.10	
	30.00	45.00		1.00	15.00			0.60	0.45	4.05	
	45.00	60.00		1.00	15.00			0.60	0.45	4.05	
	60.00	75.00		1.00	15.00			0.60	0.45	4.05	
	75.00	90.00		1.00	15.00			0.60	0.45	4.05	

Consultant

BENAKA DEVELOPERS AND PROJECTS BANGALORE

Assistant Engineer

AE(Ly)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	105.00		1.00	15.00			0.60	0.45	4.05	
	105.00	120.00		1.00	15.00			0.60	0.45	4.05	
	120.00	135.00		1.00	15.00			0.60	0.45	4.05	
	LHS										
	0.00	30.00		1.00	30.00			0.60	0.45	8.10	
	30.00	45.00		1.00	15.00			0.60	0.45	4.05	
	45.00	60.00		1.00	15.00			0.60	0.45	4.05	
	60.00	75.00		1.00	15.00			0.60	0.45	4.05	
	75.00	90.00		1.00	15.00			0.60	0.45	4.05	
	90.00	105.00		1.00	15.00			0.60	0.45	4.05	
	105.00	120.00		1.00	15.00			0.60	0.45	4.05	
	120.00	135.00		1.00	15.00			0.60	0.45	4.05	
							Total Quantity			768.24	Cum

Consultant

Assistant Engineer

AE(W7)
20/11/18

Assistant Executive Engineer

20/11/18

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	Removing and Resetting of Footpath Slab with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	Sahakar Nagar 60ft Road (Big Market Road)										
	RHS										
	0.00	30.00		1.00	25.00			1.20		30.00	
	30.00	45.00		1.00	15.00			1.20		18.00	
	45.00	50.00		0.00	5.00			1.20		0.00	**culvert**
	50.00	86.00		1.00	30.00			1.20		36.00	
	86.00	92.00		0.00	6.00			1.20		0.00	**culvert**
	92.00	122.00		1.00	5.00			1.20		6.00	
	122.00	152.00		1.00	28.00			1.20		33.60	
	152.00	172.50		1.00	20.50			1.20		24.60	
	172.50	179.10		0.00	6.60			1.20		0.00	**culvert**
	179.10	209.10		1.00	29.00			1.20		34.80	
	209.10	239.10		1.00	27.00			1.20		32.40	
	239.10	269.10		1.00	27.00			1.20		32.40	
	269.10	299.10		1.00	30.00			1.20		36.00	
	299.10	326.50		1.00	27.40			1.20		32.88	
	326.50	333.00		0.00	6.50			1.20		0.00	**culvert**
	333.00	363.00		1.00	28.00			1.20		33.60	
	363.00	393.00		1.00	29.00			1.20		34.80	
	393.00	423.00		1.00	25.00			1.20		30.00	
	423.00	453.00		1.00	29.00			1.20		34.80	
	453.00	485.60		1.00	31.60			1.20		37.92	
	485.60	497.00		0.00	11.40			1.20		0.00	**culvert**
	497.00	527.00		1.00	30.00			1.20		36.00	
	527.00	557.00		1.00	28.00			1.20		33.60	
	557.00	587.00		1.00	29.00			1.20		34.80	
	587.00	617.00		1.00	29.00			1.20		34.80	
	617.00	647.00		1.00	28.00			1.20		33.60	
	647.00	677.00		1.00	27.00			1.20		32.40	
	677.00	707.00		1.00	28.00			1.20		33.60	
	707.00	712.50		1.00	5.50			1.20		6.60	
	712.50	719.00		1.00	6.50			1.20		7.80	
	719.00	749.00		1.00	30.00			1.20		36.00	
	749.00	779.00		1.00	30.00			1.20		36.00	
	779.00	811.00		1.00	29.00			1.20		34.80	
	LHS										

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	29.90		1.00	29.90			1.20		35.88	
	29.90	37.20		0.00	7.30			1.20		0.00	culvert
	37.20	70.50		1.00	32.30			1.20		38.76	
	70.50	77.10		0.00	6.60			1.20		0.00	culvert
	77.10	92.00		1.00	14.90			1.20		17.88	
	92.00	108.30		1.00	16.30			1.20		19.56	
	108.30	115.20		0.00	6.90			1.20		0.00	culvert
	115.20	145.20		1.00	25.00			1.20		30.00	
	145.20	175.20		1.00	20.00			1.20		24.00	
	175.20	207.00		1.00	20.00			1.20		24.00	
	207.00	214.60		0.00	7.60			1.20		0.00	culvert
	214.60	243.10		1.00	25.00			1.20		30.00	
	243.10	249.80		0.00	6.70			1.20		0.00	culvert
	249.80	279.80		1.00	26.00			1.20		31.20	
	279.80	285.00		1.00	5.20			1.20		6.24	
	285.00	291.00		0.00	6.00			1.20		0.00	culvert
	291.00	321.00		1.00	29.00			1.20		34.80	
	321.00	347.70		1.00	26.00			1.20		31.20	
	347.70	358.20		0.00	10.50			1.20		0.00	culvert
	358.20	390.00		1.00	28.00			1.20		33.60	
	390.00	399.50		0.00	9.50			1.20		0.00	culvert
	399.50	429.50		1.00	30.00			1.20		36.00	
	429.50	459.50		1.00	26.00			1.20		31.20	
	459.50	489.50		1.00	30.00			1.20		36.00	
	489.50	510.00		1.00	20.00			1.20		24.00	
	510.00	520.00		0.00	10.00			1.20		0.00	culvert
	520.00	550.00		1.00	25.00			1.20		30.00	
	550.00	580.00		1.00	30.00			1.20		36.00	
	580.00	610.00		1.00	26.00			1.20		31.20	
	610.00	640.00		1.00	24.00			1.20		28.80	
	640.00	670.00		1.00	25.00			1.20		30.00	
	670.00	700.00		1.00	24.00			1.20		28.80	
	700.00	730.00		1.00	22.00			1.20		26.40	
	730.00	760.00		1.00	30.00			1.20		36.00	
	760.00	790.00		1.00	25.00			1.20		30.00	
	790.00	816.00		1.00	22.00			1.20		26.40	
								Total		1635.72	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
19	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 109, I.No. 14.62 of PWD SR 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	RHS										
	0.00	11.00		1.00	11.00	1.20	1.50	1.35		14.85	
	11.00	13.00		1.00	2.00	1.50	1.00	1.25		2.50	
	13.00	18.50		0.00	5.50	1.00	1.00	1.00		0.00	
	18.50	25.50		1.00	7.00	1.00	1.00	1.00		7.00	
	25.50	27.80		0.00	2.30	1.00	1.00	1.00		0.00	
	27.80	37.20		1.00	9.40	1.00	1.20	1.10		10.34	
	37.20	43.30		1.00	6.10	1.20	1.20	1.20		7.32	
	43.30	43.90		0.00	0.60	1.20	1.20	1.20		0.00	
	43.90	45.00		1.00	1.10	1.20	1.20	1.20		1.32	
	45.00	50.00		0.00	5.00	1.20	1.20	1.20		0.00	
	50.00	55.00		0.00	5.00	1.20	1.20	1.20		0.00	
	55.00	68.50		1.00	13.50	1.20	1.50	1.35		18.23	
	68.50	86.00		0.00	17.50	1.50	1.50	1.50		0.00	
	86.00	92.00		0.00	6.00	1.50	1.00	1.25		0.00	
	92.00	102.70		0.00	10.70	1.00	1.00	1.00		0.00	
	102.70	108.70		1.00	6.00	1.00	1.00	1.00		6.00	
	108.70	124.10		1.00	15.40	1.00	0.70	0.85		13.09	
	124.10	126.30		1.00	2.20	0.70	0.70	0.70		1.54	
	126.30	127.20		1.00	0.90	0.90	0.90	0.90		0.81	
	127.20	131.60		1.00	4.40	0.90	0.90	0.90		3.96	
	131.60	148.50		0.00	16.90	0.90	0.90	0.90		0.00	
	148.50	170.10		1.00	21.60	0.90	1.50	1.20		25.92	
	170.10	172.50		0.00	2.40	1.50	1.00	1.25		0.00	
	172.50	179.10		0.00	6.60	1.00	1.00	1.00		0.00	
	179.10	181.10		0.00	2.00	1.00	0.70	0.85		0.00	
	181.10	205.00		1.00	23.90	0.70	0.70	0.70		16.73	
	205.00	207.70		1.00	2.70	0.70	0.70	0.70		1.89	
	207.70	250.00		1.00	42.30	0.70	0.70	0.70		29.61	
	250.00	275.00		1.00	25.00	0.70	0.70	0.70		17.50	
	275.00	308.00		0.00	33.00	0.70	0.50	0.60		0.00	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

AE(NR)

29/11/18

Assistant Executive Engineer

Kodigenalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	308.00	326.50		1.00	18.50	0.50	0.50	0.50		9.25	
	326.50	333.00		0.00	6.50	0.50	0.90	0.70		0.00	
	333.00	350.00		1.00	17.00	0.90	0.90	0.90		15.30	
	350.00	387.00		1.00	37.00	0.90	0.90	0.90		33.30	
	387.00	403.00		0.00	16.00	0.90	0.90	0.90		0.00	
	403.00	417.90		1.00	14.90	0.90	0.90	0.90		13.41	
	417.90	434.50		1.00	16.60	0.90	1.20	1.05		17.43	
	434.50	485.60		1.00	51.10	1.20	1.20	1.20		61.32	
	485.60	497.00		0.00	11.40	1.20	0.60	0.90		0.00	
	497.00	518.00		0.00	21.00	0.60	0.90	0.75		0.00	
	518.00	523.00		1.00	5.00	0.90	0.90	0.90		4.50	
	523.00	543.50		1.00	20.50	0.90	0.90	0.90		18.45	
	543.50	555.00		0.00	11.50	0.90	0.90	0.90		0.00	
	555.00	578.80		1.00	23.80	0.90	0.90	0.90		21.42	
	578.80	599.00		1.00	20.20	0.90	0.90	0.90		18.18	
	599.00	607.00		0.00	8.00	0.90	0.90	0.90		0.00	
	607.00	675.60		1.00	68.60	0.90	0.90	0.90		61.74	
	675.60	700.00		1.00	24.40	0.90	0.90	0.90		21.96	
	700.00	712.50		0.00	12.50	0.90	0.90	0.90		0.00	
	LHS										
	0.00	29.90		1.00	29.90	0.90	0.90	0.90		26.91	
	29.90	37.20		0.00	7.30	0.90	1.20	1.05		0.00	
	37.20	65.00		1.00	27.80	1.20	1.00	1.10		30.58	
	65.00	70.50		0.00	5.50	1.00	1.00	1.00		0.00	
	70.50	77.10		0.00	6.60	1.00	1.00	1.00		0.00	
	77.10	79.50		1.00	2.40	1.20	1.20	1.20		2.88	
	79.50	82.00		1.00	2.50	1.20	1.20	1.20		3.00	
	82.00	92.30		1.00	10.30	1.20	1.20	1.20		12.36	
	92.30	108.00		0.00	15.70	1.20	1.00	1.10		0.00	
	108.00	115.20		0.00	7.20	1.00	1.00	1.00		0.00	
	115.20	130.40		1.00	15.20	1.00	0.70	0.85		12.92	
	130.40	133.00		0.00	2.60	0.70	0.70	0.70		0.00	
	133.00	137.20		1.00	4.20	0.70	0.90	0.80		3.36	
	137.20	151.80		1.00	14.60	0.90	0.90	0.90		13.14	
	151.80	169.50		1.00	17.70	0.90	0.60	0.75		13.28	
	169.50	178.20		0.00	8.70	0.60	0.60	0.60		0.00	
	178.20	187.20		1.00	9.00	0.60	1.20	0.90		8.10	
	187.20	191.50		1.00	4.30	1.20	1.20	1.20		5.16	
	191.50	195.00		1.00	3.50	1.20	0.90	1.05		3.68	
	195.00	207.00		1.00	12.00	0.90	0.90	0.90		10.80	

Consultant

Assistant Engineer
AE(W2)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	207.00	214.60		0.00	7.60	0.90	0.90	0.90		0.00	
	214.60	243.10		1.00	28.50	0.90	0.90	0.90		25.65	
	243.10	249.80		0.00	6.70	0.90	0.90	0.90		0.00	
	249.80	269.00		1.00	19.20	0.90	0.70	0.80		15.36	
	269.00	273.00		1.00	4.00	0.70	0.90	0.80		3.20	
	273.00	285.00		1.00	12.00	0.90	0.90	0.90		10.80	
	285.00	291.00		0.00	6.00	0.90	0.90	0.90		0.00	
	291.00	322.00		1.00	31.00	0.90	0.90	0.90		27.90	
	322.00	325.50		1.00	3.50	0.90	1.00	0.95		3.33	
	325.50	347.70		1.00	22.20	1.00	1.20	1.10		24.42	
	347.70	358.20		0.00	10.50	1.20	1.20	1.20		0.00	
	358.20	390.00		1.00	31.80	1.20	1.20	1.20		38.16	
	390.00	399.50		0.00	9.50	1.20	1.20	1.20		0.00	
	399.50	436.60		1.00	37.10	1.20	1.20	1.20		44.52	
	436.60	441.50		1.00	4.90	1.20	1.20	1.20		5.88	
	441.50	456.00		1.00	14.50	1.20	1.20	1.20		17.40	
	456.00	510.00		1.00	54.00	1.20	1.20	1.20		64.80	
	510.00	520.00		0.00	10.00	1.20	1.20	1.20		0.00	
	520.00	595.00		1.00	75.00	1.20	1.20	1.20		90.00	
	595.00	647.00		1.00	52.00	1.30	1.30	1.30		67.60	
	647.00	698.00		1.00	51.00	1.30	1.30	1.30		66.30	
	698.00	706.00		1.00	8.00	1.20	1.20	1.20		9.60	
								Total		**1135.94**	**Sqm**

TEJUS CONSULTANTS

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Benaka

Assistant Engineer

AE(NZ)

29/11/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

29/11

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	Sahakar Nagar 60ft Road (Big Market Road)										
	RHS										
	0.00	30.00		1.00	5.00			1.20		6.00	
	50.00	86.00		1.00	6.00			1.20		7.20	
	92.00	122.00		1.00	25.00			1.20		30.00	
	122.00	152.00		1.00	2.00			1.20		2.40	
	179.10	209.10		1.00	1.00			1.20		1.20	
	209.10	239.10		1.00	3.00			1.20		3.60	
	239.10	269.10		1.00	3.00			1.20		3.60	
	333.00	363.00		1.00	2.00			1.20		2.40	
	363.00	393.00		1.00	1.00			1.20		1.20	
	393.00	423.00		1.00	5.00			1.20		6.00	
	423.00	453.00		1.00	1.00			1.20		1.20	
	453.00	485.60		1.00	1.00			1.20		1.20	
	527.00	557.00		1.00	2.00			1.20		2.40	
	557.00	587.00		1.00	1.00			1.20		1.20	
	587.00	617.00		1.00	1.00			1.20		1.20	
	617.00	647.00		1.00	2.00			1.20		2.40	
	647.00	677.00		1.00	3.00			1.20		3.60	
	677.00	707.00		1.00	2.00			1.20		2.40	
	779.00	811.00		1.00	3.00			1.20		3.60	
	LHS				0.00						
	37.20	70.50		1.00	1.00			1.20		1.20	
	115.20	145.20		1.00	5.00			1.20		6.00	
	145.20	175.20		1.00	10.00			1.20		12.00	
	175.20	207.00		1.00	11.80			1.20		14.16	
	214.60	243.10		1.00	3.50			1.20		4.20	
	249.80	279.80		1.00	4.00			1.20		4.80	
	291.00	321.00		1.00	1.00			1.20		1.20	
	321.00	347.70		1.00	0.70			1.20		0.84	
	358.20	390.00		1.00	3.80			1.20		4.56	
	429.50	459.50		1.00	4.00			1.20		4.80	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	489.50	510.00		1.00	0.50			1.20		0.60	
	520.00	550.00		1.00	5.00			1.20		6.00	
	580.00	610.00		1.00	4.00			1.20		4.80	
	610.00	640.00		1.00	6.00			1.20		7.20	
	640.00	670.00		1.00	5.00			1.20		6.00	
	670.00	700.00		1.00	6.00			1.20		7.20	
	700.00	730.00		1.00	8.00			1.20		9.60	
	760.00	790.00		1.00	5.00			1.20		6.00	
	790.00	816.00		1.00	4.00			1.20		4.80	
								Total		188.76	Sqm

Consultant

Assistant Engineer

AE(W4) 30/11/18

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
22	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	For bescom and ugd cut restoration										
	0.00	15.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	15.00	30.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	30.00	45.00		1.00	15.00	2.20	3.00	2.60	0.45	17.55	
	45.00	60.00		1.00	15.00	3.00	2.80	2.90	0.45	19.58	
	60.00	75.00		1.00	15.00	2.80	2.60	2.70	0.45	18.23	
	75.00	90.00		1.00	15.00	2.60	2.20	2.40	0.45	16.20	
	90.00	105.00		1.00	15.00	2.20	3.00	2.60	0.45	17.55	
	105.00	120.00		1.00	15.00	3.00	2.20	2.60	0.45	17.55	
	120.00	135.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	135.00	150.00		1.00	15.00	2.20	2.80	2.50	0.45	16.88	
	150.00	165.00		1.00	15.00	2.80	2.20	2.50	0.45	16.88	
	165.00	180.00		1.00	15.00	2.20	2.60	2.40	0.45	16.20	
	180.00	195.00		1.00	15.00	2.60	2.20	2.40	0.45	16.20	
	195.00	210.00		1.00	15.00	2.20	2.80	2.50	0.45	16.88	
	210.00	225.00		1.00	15.00	2.80	3.00	2.90	0.45	19.58	
	225.00	240.00		1.00	15.00	3.00	2.20	2.60	0.45	17.55	
	240.00	255.00		1.00	15.00	2.20	3.00	2.60	0.45	17.55	
	255.00	270.00		1.00	15.00	3.00	2.20	2.60	0.45	17.55	
	270.00	285.00		1.00	15.00	2.20	2.60	2.40	0.45	16.20	
	285.00	300.00		1.00	15.00	2.60	2.60	2.60	0.45	17.55	
	300.00	315.00		1.00	15.00	2.60	2.60	2.60	0.45	17.55	
	315.00	330.00		1.00	15.00	2.60	2.40	2.50	0.45	16.88	
	330.00	345.00		1.00	15.00	2.40	2.00	2.20	0.45	14.85	
	345.00	360.00		1.00	15.00	2.00	3.00	2.50	0.45	16.88	
	360.00	375.00		1.00	15.00	3.00	3.00	3.00	0.45	20.25	
	375.00	390.00		1.00	15.00	3.00	2.20	2.60	0.45	17.55	
	390.00	405.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	405.00	420.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	420.00	435.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	435.00	450.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	450.00	465.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	465.00	480.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	480.00	495.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	495.00	510.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	510.00	525.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	525.00	540.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	540.00	555.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	555.00	570.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	570.00	585.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	585.00	600.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	600.00	615.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	615.00	630.00		1.00	15.00	2.20	2.20	2.20	0.45	14.85	
	Ayyappa temple road:										
	0.00	15.00		1.00	15.00	9.60	10.20	9.90	0.23	34.16	
	15.00	30.00		1.00	15.00	10.20	6.80	8.50	0.23	29.33	
	30.00	45.00		1.00	15.00	6.80	6.50	6.65	0.23	22.94	
	45.00	60.00		1.00	15.00	6.50	7.00	6.75	0.23	23.29	
	60.00	75.00		1.00	15.00	7.00	8.50	7.75	0.23	26.74	
	75.00	90.00		1.00	15.00	8.50	8.90	8.70	0.23	30.02	
	90.00	105.00		1.00	15.00	8.90	8.60	8.75	0.23	30.19	
	105.00	120.00		1.00	15.00	8.60	8.20	8.40	0.23	28.98	
	120.00	135.00		1.00	15.00	8.20	8.60	8.40	0.23	28.98	
	135.00	150.00		1.00	15.00	8.60	8.70	8.65	0.23	29.84	
	150.00	165.00		1.00	15.00	8.70	8.40	8.55	0.23	29.50	
	165.00	180.00		1.00	15.00	8.40	8.50	8.45	0.23	29.15	
	180.00	195.00		1.00	15.00	8.50	8.60	8.55	0.23	29.50	
	195.00	203.00		1.00	8.00	8.60	8.60	8.60	0.23	15.82	
	Bad Reaches → Sahakaranagara 'h' block- 15th main										
				12.00	1.85			1.50	0.23	7.66	
				16.00	1.95			2.45	0.23	17.58	
				13.00	1.75			1.35	0.23	7.06	
				1.00	19.00			2.50	0.23	10.93	
								Total		1113.40	Cum

Consultant

Assistant Engineer
AE(Ver)
26/12/18

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.
26/12/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
24	Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. - For Grading II Materiall(P.No.155, I.No.20.4.2 of PW,P&IWTD S.R 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	For bescom and ugd cut restoration										
	0.00	15.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	15.00	30.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	30.00	45.00		1.00	15.00	2.20	3.00	2.60	0.15	5.85	
	45.00	60.00		1.00	15.00	3.00	2.80	2.90	0.15	6.53	
	60.00	75.00		1.00	15.00	2.80	2.60	2.70	0.15	6.08	
	75.00	90.00		1.00	15.00	2.60	2.20	2.40	0.15	5.40	
	90.00	105.00		1.00	15.00	2.20	3.00	2.60	0.15	5.85	
	105.00	120.00		1.00	15.00	3.00	2.20	2.60	0.15	5.85	
	120.00	135.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	135.00	150.00		1.00	15.00	2.20	2.80	2.50	0.15	5.63	
	150.00	165.00		1.00	15.00	2.80	2.20	2.50	0.15	5.63	
	165.00	180.00		1.00	15.00	2.20	2.60	2.40	0.15	5.40	
	180.00	195.00		1.00	15.00	2.60	2.20	2.40	0.15	5.40	
	195.00	210.00		1.00	15.00	2.20	2.80	2.50	0.15	5.63	
	210.00	225.00		1.00	15.00	2.80	3.00	2.90	0.15	6.53	
	225.00	240.00		1.00	15.00	3.00	2.20	2.60	0.15	5.85	
	240.00	255.00		1.00	15.00	2.20	3.00	2.60	0.15	5.85	
	255.00	270.00		1.00	15.00	3.00	2.20	2.60	0.15	5.85	
	270.00	285.00		1.00	15.00	2.20	2.60	2.40	0.15	5.40	
	285.00	300.00		1.00	15.00	2.60	2.60	2.60	0.15	5.85	
	300.00	315.00		1.00	15.00	2.60	2.60	2.60	0.15	5.85	
	315.00	330.00		1.00	15.00	2.60	2.40	2.50	0.15	5.63	
	330.00	345.00		1.00	15.00	2.40	2.00	2.20	0.15	4.95	
	345.00	360.00		1.00	15.00	2.00	3.00	2.50	0.15	5.63	
	360.00	375.00		1.00	15.00	3.00	3.00	3.00	0.15	6.75	
	375.00	390.00		1.00	15.00	3.00	2.20	2.60	0.15	5.85	
	390.00	405.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	405.00	420.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	420.00	435.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	435.00	450.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	450.00	465.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	465.00	480.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	480.00	495.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	495.00	510.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	510.00	525.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	525.00	540.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	540.00	555.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	555.00	570.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	570.00	585.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	585.00	600.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	600.00	615.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
	615.00	630.00		1.00	15.00	2.20	2.20	2.20	0.15	4.95	
								Total		**227.25**	**Cum**

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

03/01/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
25	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	For bescom and ugd cut restoration										
	0.00	15.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	15.00	30.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	30.00	45.00		1.00	15.00	2.20	3.00	2.60	0.25	9.75	
	45.00	60.00		1.00	15.00	3.00	2.80	2.90	0.25	10.88	
	60.00	75.00		1.00	15.00	2.80	2.60	2.70	0.25	10.13	
	75.00	90.00		1.00	15.00	2.60	2.20	2.40	0.25	9.00	
	90.00	105.00		1.00	15.00	2.20	3.00	2.60	0.25	9.75	
	105.00	120.00		1.00	15.00	3.00	2.20	2.60	0.25	9.75	
	120.00	135.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	135.00	150.00		1.00	15.00	2.20	2.80	2.50	0.25	9.38	
	150.00	165.00		1.00	15.00	2.80	2.20	2.50	0.25	9.38	
	165.00	180.00		1.00	15.00	2.20	2.60	2.40	0.25	9.00	
	180.00	195.00		1.00	15.00	2.60	2.20	2.40	0.25	9.00	
	195.00	210.00		1.00	15.00	2.20	2.80	2.50	0.25	9.38	
	210.00	225.00		1.00	15.00	2.80	3.00	2.90	0.25	10.88	
	225.00	240.00		1.00	15.00	3.00	2.20	2.60	0.25	9.75	
	240.00	255.00		1.00	15.00	2.20	3.00	2.60	0.25	9.75	
	255.00	270.00		1.00	15.00	3.00	2.20	2.60	0.25	9.75	
	270.00	285.00		1.00	15.00	2.20	2.60	2.40	0.25	9.00	
	285.00	300.00		1.00	15.00	2.60	2.60	2.60	0.25	9.75	
	300.00	315.00		1.00	15.00	2.60	2.60	2.60	0.25	9.75	
	315.00	330.00		1.00	15.00	2.60	2.40	2.50	0.25	9.38	
	330.00	345.00		1.00	15.00	2.40	2.00	2.20	0.25	8.25	
	345.00	360.00		1.00	15.00	2.00	3.00	2.50	0.25	9.38	
	360.00	375.00		1.00	15.00	3.00	3.00	3.00	0.25	11.25	
	375.00	390.00		1.00	15.00	3.00	2.20	2.60	0.25	9.75	
	390.00	405.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	405.00	420.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	420.00	435.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	435.00	450.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	450.00	465.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	465.00	480.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	480.00	495.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	495.00	510.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	510.00	525.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	525.00	540.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	540.00	555.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	555.00	570.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	570.00	585.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	585.00	600.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	600.00	615.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	615.00	630.00		1.00	15.00	2.20	2.20	2.20	0.25	8.25	
	Ayyappa Temple road:										
	0.00	15.00		1.00	15.00	9.60	10.20	9.90	0.23	34.16	
	15.00	30.00		1.00	15.00	10.20	6.80	8.50	0.23	29.33	
	30.00	45.00		1.00	15.00	6.80	6.50	6.65	0.23	22.94	
	45.00	60.00		1.00	15.00	6.50	7.00	6.75	0.23	23.29	
	60.00	75.00		1.00	15.00	7.00	8.50	7.75	0.23	26.74	
	75.00	90.00		1.00	15.00	8.50	8.90	8.70	0.23	30.02	
	90.00	105.00		1.00	15.00	8.90	8.60	8.75	0.23	30.19	
	105.00	120.00		1.00	15.00	8.60	8.20	8.40	0.23	28.98	
	120.00	135.00		1.00	15.00	8.20	8.60	8.40	0.23	28.98	
	135.00	150.00		1.00	15.00	8.60	8.70	8.65	0.23	29.84	
	150.00	165.00		1.00	15.00	8.70	8.40	8.55	0.23	29.50	
	165.00	180.00		1.00	15.00	8.40	8.50	8.45	0.23	29.15	
	180.00	195.00		1.00	15.00	8.50	8.60	8.55	0.23	29.50	
	195.00	203.00		1.00	8.00	8.60	8.60	8.60	0.23	15.82	
	Bad Reaches - Sahakaranagara A block - 15th main										
				12.00	1.85			1.50	0.23	7.66	
				16.00	1.95			2.45	0.23	17.58	
				13.00	1.75			1.35	0.23	7.06	
				1.00	19.00			2.50	0.23	10.93	
								Total		810.40	Cum

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

AE(Rd)

05/01/19

Assistant Executive Engineer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
26	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	For bescom and ugd cut restoration										
	0.00	15.00		1.00	15.00	2.20	2.20	2.20		33.00	
	15.00	30.00		1.00	15.00	2.20	2.20	2.20		33.00	
	30.00	45.00		1.00	15.00	2.20	3.00	2.60		39.00	
	45.00	60.00		1.00	15.00	3.00	2.80	2.90		43.50	
	60.00	75.00		1.00	15.00	2.80	2.60	2.70		40.50	
	75.00	90.00		1.00	15.00	2.60	2.20	2.40		36.00	
	90.00	105.00		1.00	15.00	2.20	3.00	2.60		39.00	
	105.00	120.00		1.00	15.00	3.00	2.20	2.60		39.00	
	120.00	135.00		1.00	15.00	2.20	2.20	2.20		33.00	
	135.00	150.00		1.00	15.00	2.20	2.80	2.50		37.50	
	150.00	165.00		1.00	15.00	2.80	2.20	2.50		37.50	
	165.00	180.00		1.00	15.00	2.20	2.60	2.40		36.00	
	180.00	195.00		1.00	15.00	2.60	2.20	2.40		36.00	
	195.00	210.00		1.00	15.00	2.20	2.80	2.50		37.50	
	210.00	225.00		1.00	15.00	2.80	3.00	2.90		43.50	
	225.00	240.00		1.00	15.00	3.00	2.20	2.60		39.00	
	240.00	255.00		1.00	15.00	2.20	3.00	2.60		39.00	
	255.00	270.00		1.00	15.00	3.00	2.20	2.60		39.00	
	270.00	285.00		1.00	15.00	2.20	2.60	2.40		36.00	
	285.00	300.00		1.00	15.00	2.60	2.60	2.60		39.00	
	300.00	315.00		1.00	15.00	2.60	2.60	2.60		39.00	
	315.00	330.00		1.00	15.00	2.60	2.40	2.50		37.50	
	330.00	345.00		1.00	15.00	2.40	2.00	2.20		33.00	
	345.00	360.00		1.00	15.00	2.00	3.00	2.50		37.50	
	360.00	375.00		1.00	15.00	3.00	3.00	3.00		45.00	
	375.00	390.00		1.00	15.00	3.00	2.20	2.60		39.00	
	390.00	405.00		1.00	15.00	2.20	2.20	2.20		33.00	
	405.00	420.00		1.00	15.00	2.20	2.20	2.20		33.00	
	420.00	435.00		1.00	15.00	2.20	2.20	2.20		33.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	435.00	450.00		1.00	15.00	2.20	2.20	2.20		33.00	
	450.00	465.00		1.00	15.00	2.20	2.20	2.20		33.00	
	465.00	480.00		1.00	15.00	2.20	2.20	2.20		33.00	
	480.00	495.00		1.00	15.00	2.20	2.20	2.20		33.00	
	495.00	510.00		1.00	15.00	2.20	2.20	2.20		33.00	
	510.00	525.00		1.00	15.00	2.20	2.20	2.20		33.00	
	525.00	540.00		1.00	15.00	2.20	2.20	2.20		33.00	
	540.00	555.00		1.00	15.00	2.20	2.20	2.20		33.00	
	555.00	570.00		1.00	15.00	2.20	2.20	2.20		33.00	
	570.00	585.00		1.00	15.00	2.20	2.20	2.20		33.00	
	585.00	600.00		1.00	15.00	2.20	2.20	2.20		33.00	
	600.00	615.00		1.00	15.00	2.20	2.20	2.20		33.00	
	615.00	630.00		1.00	15.00	2.20	2.20	2.20		33.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	[illegible] Ayyappatemple road:										
	0.00	15.00		1.00	15.00	9.60	10.20	9.90		148.50	
	15.00	30.00		1.00	15.00	10.20	6.80	8.50		127.50	
	30.00	45.00		1.00	15.00	6.80	6.50	6.65		99.75	
	45.00	60.00		1.00	15.00	6.50	7.00	6.75		101.25	
	60.00	75.00		1.00	15.00	7.00	8.50	7.75		116.25	
	75.00	90.00		1.00	15.00	8.50	8.90	8.70		130.50	
	90.00	105.00		1.00	15.00	8.90	8.60	8.75		131.25	
	105.00	120.00		1.00	15.00	8.60	8.20	8.40		126.00	
	120.00	135.00		1.00	15.00	8.20	8.60	8.40		126.00	
	135.00	150.00		1.00	15.00	8.60	8.70	8.65		129.75	
	150.00	165.00		1.00	15.00	8.70	8.40	8.55		128.25	
	165.00	180.00		1.00	15.00	8.40	8.50	8.45		126.75	
	180.00	195.00		1.00	15.00	8.50	8.60	8.55		128.25	
	195.00	203.00		1.00	8.00	8.60	8.60	8.60		68.80	
	Bad Reaches - Sahakaranagara - 'D' block - 15th main										
				12.00	1.85			1.50		33.30	
				16.00	1.95			2.45		76.44	
				13.00	1.75			1.35		30.71	
				1.00	19.00			2.50		47.50	
								Total		**3391.75**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
27	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	0.00	9.60		1.00	9.60	15.00	11.00	13.00		124.80	
	9.60	15.00		1.00	5.40	11.00	11.50	11.25		60.75	
	15.00	30.00		1.00	15.00	11.50	12.60	12.05		180.75	
	30.00	45.00		1.00	15.00	12.60	12.80	12.70		190.50	
	45.00	60.00		1.00	15.00	12.80	12.90	12.85		192.75	
	60.00	75.00		1.00	15.00	12.90	12.50	12.70		190.50	
	75.00	90.00		1.00	15.00	12.50	12.50	12.50		187.50	
	90.00	105.00		1.00	15.00	12.50	13.50	13.00		195.00	
	105.00	120.00		1.00	15.00	13.50	13.50	13.50		202.50	
	120.00	135.00		1.00	15.00	13.50	13.40	13.45		201.75	
	135.00	150.00		1.00	15.00	13.40	13.60	13.50		202.50	
	150.00	165.00		1.00	15.00	13.60	13.20	13.40		201.00	
	165.00	180.00		1.00	15.00	13.20	15.20	14.20		213.00	
	180.00	195.00		1.00	15.00	15.20	13.30	14.25		213.75	
	195.00	210.00		1.00	15.00	13.30	14.40	13.85		207.75	
	210.00	225.00		1.00	15.00	14.40	13.50	13.95		209.25	
	225.00	240.00		1.00	15.00	13.50	13.10	13.30		199.50	
	240.00	255.00		1.00	15.00	13.10	13.60	13.35		200.25	
	255.00	270.00		1.00	15.00	13.60	13.60	13.60		204.00	
	270.00	285.00		1.00	15.00	13.60	13.50	13.55		203.25	
	285.00	300.00		1.00	15.00	13.50	14.60	14.05		210.75	
	300.00	315.00		1.00	15.00	14.60	13.60	14.10		211.50	
	315.00	330.00		1.00	15.00	13.60	12.30	12.95		194.25	
	330.00	345.00		1.00	15.00	12.30	12.80	12.55		188.25	
	345.00	360.00		1.00	15.00	12.80	12.60	12.70		190.50	
	360.00	375.00		1.00	15.00	12.60	13.60	13.10		196.50	
	375.00	390.00		1.00	15.00	13.60	13.50	13.55		203.25	
	390.00	405.00		1.00	15.00	13.50	14.60	14.05		210.75	
	405.00	420.00		1.00	15.00	14.60	13.30	13.95		209.25	
	420.00	435.00		1.00	15.00	13.30	13.10	13.20		198.00	
	435.00	450.00		1.00	15.00	13.10	12.50	12.80		192.00	
	450.00	465.00		1.00	15.00	12.50	12.70	12.60		189.00	
	465.00	480.00		1.00	15.00	12.70	13.10	12.90		193.50	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

AE(191)

9/1/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	480.00	495.00		1.00	15.00	13.10	13.30	13.20		198.00	
	495.00	510.00		1.00	15.00	13.30	13.00	13.15		197.25	
	510.00	525.00		1.00	15.00	13.00	14.50	13.75		206.25	
	525.00	540.00		1.00	15.00	14.50	12.80	13.65		204.75	
	540.00	555.00		1.00	15.00	12.80	12.70	12.75		191.25	
	555.00	570.00		1.00	15.00	12.70	13.00	12.85		192.75	
	570.00	585.00		1.00	15.00	13.00	12.50	12.75		191.25	
	585.00	600.00		1.00	15.00	12.50	12.80	12.65		189.75	
	600.00	615.00		1.00	15.00	12.80	12.80	12.80		192.00	
	615.00	630.00		1.00	15.00	12.80	12.70	12.75		191.25	
	630.00	645.00		1.00	15.00	12.70	12.70	12.70		190.50	
	645.00	660.00		1.00	15.00	12.70	13.00	12.85		192.75	
	660.00	675.00		1.00	15.00	13.00	12.80	12.90		193.50	
	675.00	690.00		1.00	15.00	12.80	12.20	12.50		187.50	
	690.00	705.00		1.00	15.00	12.20	13.40	12.80		192.00	
	705.00	720.00		1.00	15.00	13.40	8.70	11.05		165.75	
	720.00	735.00		1.00	15.00	8.70	7.40	8.05		120.75	
	735.00	750.00		1.00	15.00	7.40	7.90	7.65		114.75	
	750.00	765.00		1.00	15.00	7.90	7.00	7.45		111.75	
	765.00	780.00		1.00	15.00	7.00	7.80	7.40		111.00	
	780.00	795.00		1.00	15.00	7.80	7.30	7.55		113.25	
	795.00	810.00		1.00	15.00	7.30	10.00	8.65		129.75	
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN										
	0.00	15.00		1.00	15.00	9.60	10.20	9.90		148.50	
	15.00	30.00		1.00	15.00	10.20	6.80	8.50		127.50	
	30.00	45.00		1.00	15.00	6.80	6.50	6.65		99.75	
	45.00	60.00		1.00	15.00	6.50	7.00	6.75		101.25	
	60.00	75.00		1.00	15.00	7.00	8.50	7.75		116.25	
	75.00	90.00		1.00	15.00	8.50	8.90	8.70		130.50	
	90.00	105.00		1.00	15.00	8.90	8.60	8.75		131.25	
	105.00	120.00		1.00	15.00	8.60	8.20	8.40		126.00	
	120.00	135.00		1.00	15.00	8.20	8.60	8.40		126.00	
	135.00	150.00		1.00	15.00	8.60	8.70	8.65		129.75	
	150.00	165.00		1.00	15.00	8.70	8.40	8.55		128.25	
	165.00	180.00		1.00	15.00	8.40	8.50	8.45		126.75	
	180.00	195.00		1.00	15.00	8.50	8.60	8.55		128.25	
	195.00	203.00		1.00	8.00	8.60	8.60	8.60		68.80	
	SAHAKARNAGAR 3RD MAIN G Block										

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	15.00		1.00	15.00	6.30	5.30	5.80		87.00	
	15.00	30.00		1.00	15.00	5.30	6.30	5.80		87.00	
	30.00	45.00		1.00	15.00	6.30	6.40	6.35		95.25	
	45.00	60.00		1.00	15.00	6.40	6.20	6.30		94.50	
	60.00	75.00		1.00	15.00	6.20	5.70	5.95		89.25	
	75.00	90.00		1.00	15.00	5.70	5.80	5.75		86.25	
	90.00	105.00		1.00	15.00	5.80	5.30	5.55		83.25	
	105.00	120.00		1.00	15.00	5.30	5.40	5.35		80.25	
	120.00	135.00		1.00	15.00	5.40	6.00	5.70		85.50	
	Deduct Prime Coat (For UGD Cut Portion)									-3391.75	
							Total Quantity			9231.60	Sqm

Consultant

Assistant Engineer

AE(NS)
9/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
28	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	0.00	9.60		1.00	9.60	15.00	11.00	13.00		124.80	
	9.60	15.00		1.00	5.40	11.00	11.50	11.25		60.75	
	15.00	30.00		1.00	15.00	11.50	12.60	12.05		180.75	
	30.00	45.00		1.00	15.00	12.60	12.80	12.70		190.50	
	45.00	60.00		1.00	15.00	12.80	12.90	12.85		192.75	
	60.00	75.00		1.00	15.00	12.90	12.50	12.70		190.50	
	75.00	90.00		1.00	15.00	12.50	12.50	12.50		187.50	
	90.00	105.00		1.00	15.00	12.50	13.50	13.00		195.00	
	105.00	120.00		1.00	15.00	13.50	13.50	13.50		202.50	
	120.00	135.00		1.00	15.00	13.50	13.40	13.45		201.75	
	135.00	150.00		1.00	15.00	13.40	13.60	13.50		202.50	
	150.00	165.00		1.00	15.00	13.60	13.20	13.40		201.00	
	165.00	180.00		1.00	15.00	13.20	15.20	14.20		213.00	
	180.00	195.00		1.00	15.00	15.20	13.30	14.25		213.75	
	195.00	210.00		1.00	15.00	13.30	14.40	13.85		207.75	
	210.00	225.00		1.00	15.00	14.40	13.50	13.95		209.25	
	225.00	240.00		1.00	15.00	13.50	13.10	13.30		199.50	
	240.00	255.00		1.00	15.00	13.10	13.60	13.35		200.25	
	255.00	270.00		1.00	15.00	13.60	13.60	13.60		204.00	
	270.00	285.00		1.00	15.00	13.60	13.50	13.55		203.25	
	285.00	300.00		1.00	15.00	13.50	14.60	14.05		210.75	
	300.00	315.00		1.00	15.00	14.60	13.60	14.10		211.50	
	315.00	330.00		1.00	15.00	13.60	12.30	12.95		194.25	
	330.00	345.00		1.00	15.00	12.30	12.80	12.55		188.25	
	345.00	360.00		1.00	15.00	12.80	12.60	12.70		190.50	
	360.00	375.00		1.00	15.00	12.60	13.60	13.10		196.50	
	375.00	390.00		1.00	15.00	13.60	13.50	13.55		203.25	
	390.00	405.00		1.00	15.00	13.50	14.60	14.05		210.75	
	405.00	420.00		1.00	15.00	14.60	13.30	13.95		209.25	
	420.00	435.00		1.00	15.00	13.30	13.10	13.20		198.00	
	435.00	450.00		1.00	15.00	13.10	12.50	12.80		192.00	
	450.00	465.00		1.00	15.00	12.50	12.70	12.60		189.00	

Consultant

Assistant Engineer

Assistant Executive Engineer,
Kodigehalli,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

ab Code :-

ame of Agency :- Benaka Developers & Project Pvt.Ltd.

ill No :-1st & Part Bill

ame Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	465.00	480.00		1.00	15.00	12.70	13.10	12.90		193.50	
	480.00	495.00		1.00	15.00	13.10	13.30	13.20		198.00	
	495.00	510.00		1.00	15.00	13.30	13.00	13.15		197.25	
	510.00	525.00		1.00	15.00	13.00	14.50	13.75		206.25	
	525.00	540.00		1.00	15.00	14.50	12.80	13.65		204.75	
	540.00	555.00		1.00	15.00	12.80	12.70	12.75		191.25	
	555.00	570.00		1.00	15.00	12.70	13.00	12.85		192.75	
	570.00	585.00		1.00	15.00	13.00	12.50	12.75		191.25	
	585.00	600.00		1.00	15.00	12.50	12.80	12.65		189.75	
	600.00	615.00		1.00	15.00	12.80	12.80	12.80		192.00	
	615.00	630.00		1.00	15.00	12.80	12.70	12.75		191.25	
	630.00	645.00		1.00	15.00	12.70	12.70	12.70		190.50	
	645.00	660.00		1.00	15.00	12.70	13.00	12.85		192.75	
	660.00	675.00		1.00	15.00	13.00	12.80	12.90		193.50	
	675.00	690.00		1.00	15.00	12.80	12.20	12.50		187.50	
	690.00	705.00		1.00	15.00	12.20	13.40	12.80		192.00	
	705.00	720.00		1.00	15.00	13.40	8.70	11.05		165.75	
	720.00	735.00		1.00	15.00	8.70	7.40	8.05		120.75	
	735.00	750.00		1.00	15.00	7.40	7.90	7.65		114.75	
	750.00	765.00		1.00	15.00	7.90	7.00	7.45		111.75	
	765.00	780.00		1.00	15.00	7.00	7.80	7.40		111.00	
	780.00	795.00		1.00	15.00	7.80	7.30	7.55		113.25	
	795.00	810.00		1.00	15.00	7.30	10.00	8.65		129.75	
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN										
	0.00	15.00		1.00	15.00	9.60	10.20	9.90		148.50	
	15.00	30.00		1.00	15.00	10.20	6.80	8.50		127.50	
	30.00	45.00		1.00	15.00	6.80	6.50	6.65		99.75	
	45.00	60.00		1.00	15.00	6.50	7.00	6.75		101.25	
	60.00	75.00		1.00	15.00	7.00	8.50	7.75		116.25	
	75.00	90.00		1.00	15.00	8.50	8.90	8.70		130.50	
	90.00	105.00		1.00	15.00	8.90	8.60	8.75		131.25	
	105.00	120.00		1.00	15.00	8.60	8.20	8.40		126.00	
	120.00	135.00		1.00	15.00	8.20	8.60	8.40		126.00	
	135.00	150.00		1.00	15.00	8.60	8.70	8.65		129.75	
	150.00	165.00		1.00	15.00	8.70	8.40	8.55		128.25	
	165.00	180.00		1.00	15.00	8.40	8.50	8.45		126.75	
	180.00	195.00		1.00	15.00	8.50	8.60	8.55		128.25	
	195.00	203.00		1.00	8.00	8.60	8.60	8.60		68.80	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	SAHAKARNAGAR 3RD MAIN G Block										
	0.00	15.00		1.00	15.00	6.30	5.30	5.80		87.00	
	15.00	30.00		1.00	15.00	5.30	6.30	5.80		87.00	
	30.00	45.00		1.00	15.00	6.30	6.40	6.35		95.25	
	45.00	60.00		1.00	15.00	6.40	6.20	6.30		94.50	
	60.00	75.00		1.00	15.00	6.20	5.70	5.95		89.25	
	75.00	90.00		1.00	15.00	5.70	5.80	5.75		86.25	
	90.00	105.00		1.00	15.00	5.80	5.30	5.55		83.25	
	105.00	120.00		1.00	15.00	5.30	5.40	5.35		80.25	
	120.00	135.00		1.00	15.00	5.40	6.00	5.70		85.50	
							Total Quantity			12623.35	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Sub Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
29	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.165 of I.No.21.17.6 in PW,P&IWTD S.R 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	For bescom and ugd cut restoration										
	0.00	15.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	15.00	30.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	30.00	45.00		1.00	15.00	2.20	3.00	2.60	0.05	1.95	
	45.00	60.00		1.00	15.00	3.00	2.80	2.90	0.05	2.18	
	60.00	75.00		1.00	15.00	2.80	2.60	2.70	0.05	2.03	
	75.00	90.00		1.00	15.00	2.60	2.20	2.40	0.05	1.80	
	90.00	105.00		1.00	15.00	2.20	3.00	2.60	0.05	1.95	
	105.00	120.00		1.00	15.00	3.00	2.20	2.60	0.05	1.95	
	120.00	135.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	135.00	150.00		1.00	15.00	2.20	2.80	2.50	0.05	1.88	
	150.00	165.00		1.00	15.00	2.80	2.20	2.50	0.05	1.88	
	165.00	180.00		1.00	15.00	2.20	2.60	2.40	0.05	1.80	
	180.00	195.00		1.00	15.00	2.60	2.20	2.40	0.05	1.80	
	195.00	210.00		1.00	15.00	2.20	2.80	2.50	0.05	1.88	
	210.00	225.00		1.00	15.00	2.80	3.00	2.90	0.05	2.18	
	225.00	240.00		1.00	15.00	3.00	2.20	2.60	0.05	1.95	
	240.00	255.00		1.00	15.00	2.20	3.00	2.60	0.05	1.95	
	255.00	270.00		1.00	15.00	3.00	2.20	2.60	0.05	1.95	
	270.00	285.00		1.00	15.00	2.20	2.60	2.40	0.05	1.80	
	285.00	300.00		1.00	15.00	2.60	2.60	2.60	0.05	1.95	
	300.00	315.00		1.00	15.00	2.60	2.60	2.60	0.05	1.95	
	315.00	330.00		1.00	15.00	2.60	2.40	2.50	0.05	1.88	
	330.00	345.00		1.00	15.00	2.40	2.00	2.20	0.05	1.65	
	345.00	360.00		1.00	15.00	2.00	3.00	2.50	0.05	1.88	
	360.00	375.00		1.00	15.00	3.00	3.00	3.00	0.05	2.25	
	375.00	390.00		1.00	15.00	3.00	2.20	2.60	0.05	1.95	
	390.00	405.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	

Consultant

Assistant Engineer

08/1/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

ob Code :-

ame of Agency :- Benaka Developers & Project Pvt.Ltd.

ill No :-1st & Part Bill

ame Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	405.00	420.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	420.00	435.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	435.00	450.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	450.00	465.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	465.00	480.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	480.00	495.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	495.00	510.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	510.00	525.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	525.00	540.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	540.00	555.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	555.00	570.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	570.00	585.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	585.00	600.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	600.00	615.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
	615.00	630.00		1.00	15.00	2.20	2.20	2.20	0.05	1.65	
							Total Quantity			75.75	Cum

Consultant

Assistant Engineer

08/1/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

410.00 Cum

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Code :-

me of Agency :- Benaka Developers & Project Pvt.Ltd.

l No :-1st & Part Bill

me Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa S... Temple Kanti eets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ tem No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
30	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)									
	Sahakar Nagar 60ft Road (Big Market Road)									
	0.00	9.60		1.00	9.60	15.00	11.00	13.00	0.04	4.99
	9.60	15.00		1.00	5.40	11.00	11.50	11.25	0.04	2.43
	15.00	30.00		1.00	15.00	11.50	12.60	12.05	0.04	7.23
	30.00	45.00		1.00	15.00	12.60	12.80	12.70	0.04	7.62
	45.00	60.00		1.00	15.00	12.80	12.90	12.85	0.04	7.71
	60.00	75.00		1.00	15.00	12.90	12.50	12.70	0.04	7.62
	75.00	90.00		1.00	15.00	12.50	12.50	12.50	0.04	7.50
	90.00	105.00		1.00	15.00	12.50	13.50	13.00	0.04	7.80
	105.00	120.00		1.00	15.00	13.50	13.50	13.50	0.04	8.10
	120.00	135.00		1.00	15.00	13.50	13.40	13.45	0.04	8.07
	135.00	150.00		1.00	15.00	13.40	13.60	13.50	0.04	8.10
	150.00	165.00		1.00	15.00	13.60	13.20	13.40	0.04	8.04
	165.00	180.00		1.00	15.00	13.20	15.20	14.20	0.04	8.52
	180.00	195.00		1.00	15.00	15.20	13.30	14.25	0.04	8.55
	195.00	210.00		1.00	15.00	13.30	14.40	13.85	0.04	8.31
	210.00	225.00		1.00	15.00	14.40	13.50	13.95	0.04	8.37
	225.00	240.00		1.00	15.00	13.50	13.10	13.30	0.04	7.98
	240.00	255.00		1.00	15.00	13.10	13.60	13.35	0.04	8.01
	255.00	270.00		1.00	15.00	13.60	13.60	13.60	0.04	8.16
	270.00	285.00		1.00	15.00	13.60	13.50	13.55	0.04	8.13
	285.00	300.00		1.00	15.00	13.50	14.60	14.05	0.04	8.43
	300.00	315.00		1.00	15.00	14.60	13.60	14.10	0.04	8.46
	315.00	330.00		1.00	15.00	13.60	12.30	12.95	0.04	7.77
	330.00	345.00		1.00	15.00	12.30	12.80	12.55	0.04	7.53
	345.00	360.00		1.00	15.00	12.80	12.60	12.70	0.04	7.62
	360.00	375.00		1.00	15.00	12.60	13.60	13.10	0.04	7.86
	375.00	390.00		1.00	15.00	13.60	13.50	13.55	0.04	8.13
	390.00	405.00		1.00	15.00	13.50	14.60	14.05	0.04	8.43
	405.00	420.00		1.00	15.00	14.60	13.30	13.95	0.04	8.37

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

b Code :-

me of Agency :- Benaka Developers & Project Pvt.Ltd.

ll No :-1st & Part Bill

me Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	420.00	435.00		1.00	15.00	13.30	13.10	13.20	0.04	7.92	
	435.00	450.00		1.00	15.00	13.10	12.50	12.80	0.04	7.68	
	450.00	465.00		1.00	15.00	12.50	12.70	12.60	0.04	7.56	
	465.00	480.00		1.00	15.00	12.70	13.10	12.90	0.04	7.74	
	480.00	495.00		1.00	15.00	13.10	13.30	13.20	0.04	7.92	
	495.00	510.00		1.00	15.00	13.30	13.00	13.15	0.04	7.89	
	510.00	525.00		1.00	15.00	13.00	14.50	13.75	0.04	8.25	
	525.00	540.00		1.00	15.00	14.50	12.80	13.65	0.04	8.19	
	540.00	555.00		1.00	15.00	12.80	12.70	12.75	0.04	7.65	
	555.00	570.00		1.00	15.00	12.70	13.00	12.85	0.04	7.71	
	570.00	585.00		1.00	15.00	13.00	12.50	12.75	0.04	7.65	
	585.00	600.00		1.00	15.00	12.50	12.80	12.65	0.04	7.59	
	600.00	615.00		1.00	15.00	12.80	12.80	12.80	0.04	7.68	
	615.00	630.00		1.00	15.00	12.80	12.70	12.75	0.04	7.65	
	630.00	645.00		1.00	15.00	12.70	12.70	12.70	0.04	7.62	
	645.00	660.00		1.00	15.00	12.70	13.00	12.85	0.04	7.71	
	660.00	675.00		1.00	15.00	13.00	12.80	12.90	0.04	7.74	
	675.00	690.00		1.00	15.00	12.80	12.20	12.50	0.04	7.50	
	690.00	705.00		1.00	15.00	12.20	13.40	12.80	0.04	7.68	
	705.00	720.00		1.00	15.00	13.40	8.70	11.05	0.04	6.63	
	720.00	735.00		1.00	15.00	8.70	7.40	8.05	0.04	4.83	
	735.00	750.00		1.00	15.00	7.40	7.90	7.65	0.04	4.59	
	750.00	765.00		1.00	15.00	7.90	7.00	7.45	0.04	4.47	
	765.00	780.00		1.00	15.00	7.00	7.80	7.40	0.04	4.44	
	780.00	795.00		1.00	15.00	7.80	7.30	7.55	0.04	4.53	
	795.00	810.00		1.00	15.00	7.30	10.00	8.65	0.04	5.19	410.89
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN										
	0.00	15.00		1.00	15.00	9.60	10.20	9.90	0.04	5.94	
	15.00	30.00		1.00	15.00	10.20	6.80	8.50	0.04	5.10	
	30.00	45.00		1.00	15.00	6.80	6.50	6.65	0.04	3.99	
	45.00	60.00		1.00	15.00	6.50	7.00	6.75	0.04	4.05	
	60.00	75.00		1.00	15.00	7.00	8.50	7.75	0.04	4.65	
	75.00	90.00		1.00	15.00	8.50	8.90	8.70	0.04	5.22	
	90.00	105.00		1.00	15.00	8.90	8.60	8.75	0.04	5.25	
	105.00	120.00		1.00	15.00	8.60	8.20	8.40	0.04	5.04	
	120.00	135.00		1.00	15.00	8.20	8.60	8.40	0.04	5.04	
	135.00	150.00		1.00	15.00	8.60	8.70	8.65	0.04	5.19	
	150.00	165.00		1.00	15.00	8.70	8.40	8.55	0.04	5.13	
	165.00	180.00		1.00	15.00	8.40	8.50	8.45	0.04	5.07	

C & FC. 4/08/21

Consultant

Assistant Engineer

AE(LSG)

465.52

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

b Code :-

ame of Agency :- Benaka Developers & Project Pvt.Ltd.

ll No :-1st & Part Bill

ame Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

465.52

BOQ tem No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	180.00	195.00		1.00	15.00	8.50	8.60	8.55	0.04	5.13	
	195.00	203.00		1.00	8.00	8.60	8.60	8.60	0.04	2.75	
	SAHAKARNAGAR 3RD MAIN G Block										
	0.00	15.00		1.00	15.00	6.30	5.30	5.80	0.04	3.48	
	15.00	30.00		1.00	15.00	5.30	6.30	5.80	0.04	3.48	
	30.00	45.00		1.00	15.00	6.30	6.40	6.35	0.04	3.81	
	45.00	60.00		1.00	15.00	6.40	6.20	6.30	0.04	3.78	
	60.00	75.00		1.00	15.00	6.20	5.70	5.95	0.04	3.57	
	75.00	90.00		1.00	15.00	5.70	5.80	5.75	0.04	3.45	
	90.00	105.00		1.00	15.00	5.80	5.30	5.55	0.04	3.33	
	105.00	120.00		1.00	15.00	5.30	5.40	5.35	0.04	3.21	
	120.00	135.00		1.00	15.00	5.40	6.00	5.70	0.04	3.42	
							Total Quantity			**504.93**	**Cum**

Consultant

Assistant Engineer

AE(NSH)
16/1/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

ob Code :-

ame of Agency :- Benaka Developers & Project Pvt.Ltd.

ill No :-1st & Part Bill

ame Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ tem No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
33	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete										
	Sahakar Nagar 60ft Road (Big Market Road)										
	RHS									No-3	
	0.00	30.00		1.00	10.00					10.00	
	30.00	45.00		1.00	3.00					3.00	
	45.00	50.00		0.00	2.00					0.00	**culvert**
	50.00	86.00		1.00	6.00					6.00	
	86.00	92.00		0.00	0.00					0.00	**culvert**
	92.00	122.00		1.00	3.00					3.00	
	122.00	152.00		1.00	4.00					4.00	
	152.00	172.50		1.00	0.50					0.50	
	172.50	179.10		0.00	0.00					0.00	**culvert**
	179.10	209.10		1.00	8.00					8.00	
	209.10	239.10		1.00	5.00					5.00	
	239.10	269.10		1.00	5.00					5.00	
	269.10	299.10		1.00	4.00					4.00	
	299.10	326.50		1.00	6.40					6.40	
	326.50	333.00		0.00	0.00					0.00	**culvert**
	333.00	363.00		1.00	2.00					2.00	
	363.00	393.00		1.00	10.00					10.00	
	393.00	423.00		1.00	1.00					1.00	
	423.00	453.00		1.00	2.00					2.00	
	453.00	485.60		1.00	2.60					2.60	
	485.60	497.00		0.00	0.00					0.00	**culvert**
	497.00	527.00		1.00	2.00					2.00	
	527.00	557.00		1.00	3.00					3.00	
	557.00	587.00		1.00	2.00					2.00	
	587.00	617.00		1.00	1.00					1.00	
	617.00	647.00		1.00	3.00					3.00	
	647.00	677.00		1.00	5.00					5.00	
	677.00	707.00		1.00	4.00					4.00	
	707.00	712.50		1.00	0.00					0.00	
	712.50	719.00		1.00	0.00					0.00	
	719.00	749.00		1.00	5.00					5.00	
	749.00	779.00		1.00	4.00					4.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

ob Code :-

ame of Agency :- Benaka Developers & Project Pvt.Ltd.

ill No :-1st & Part Bill

ame Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ tem No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	779.00	811.00		1.00	2.00					2.00	
	LHS										
	0.00	29.90		1.00	0.90					0.90	
	29.90	37.20		0.00	0.00					0.00	culvert
	37.20	70.50		1.00	3.30					3.30	
	70.50	77.10		0.00	0.00					0.00	culvert
	77.10	92.00		1.00	1.90					1.90	
	92.00	108.30		1.00	1.30					1.30	
	108.30	115.20		0.00	0.00					0.00	culvert
	115.20	145.20		1.00	4.00					4.00	
	145.20	175.20		1.00	2.00					2.00	
	175.20	207.00		1.00	1.80					1.80	
	207.00	214.60		0.00	0.00					0.00	culvert
	214.60	243.10		1.00	0.50					0.50	
	243.10	249.80		0.00	0.00					0.00	culvert
	249.80	279.80		1.00	1.00					1.00	
	279.80	285.00		1.00	0.00					0.00	
	285.00	291.00		0.00	0.00					0.00	culvert
	291.00	321.00		1.00	3.00					3.00	
	321.00	347.70		1.00	0.70					0.70	
	347.70	358.20		0.00	0.00					0.00	culvert
	358.20	390.00		1.00	1.80					1.80	
	390.00	399.50		0.00	0.00					0.00	culvert
	399.50	429.50		1.00	1.00					1.00	
	429.50	459.50		1.00	2.00					2.00	
	459.50	489.50		1.00	1.00					1.00	
	489.50	510.00		1.00	0.00					0.00	
	510.00	520.00		0.00	0.00					0.00	culvert
	520.00	550.00		1.00	3.00					3.00	
	550.00	580.00		1.00	5.00					5.00	
	580.00	610.00		1.00	3.00					3.00	
	610.00	640.00		1.00	2.00					2.00	
	640.00	670.00		1.00	1.00					1.00	
	670.00	700.00		1.00	3.00					3.00	
	700.00	730.00		1.00	1.00					1.00	
	730.00	760.00		1.00	1.00					1.00	
	760.00	790.00		1.00	1.00					1.00	
	790.00	816.00		1.00	2.00					2.00	
										151.70	
							Total Qty			337.00	Nos

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD * BANGALORE *

Assistant Engineer

AE(W2) 16/1/19

Assistant Executive Engineer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

b Code :-

ame of Agency :- Benaka Developers & Project Pvt.Ltd.

ll No :-1st & Part Bill

ame Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti weets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ tem No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
34	Removing and resetting of kerb stones(P.No.185, I.No.37.57 of PW,P&IWTD SR 2016-17)										
	Sahakar Nagar 60ft Road (Big Market Road)										
	RHS										
	0.00	30.00		1.00	20.00					20.00	
	30.00	45.00		1.00	12.00					12.00	
	45.00	50.00		0.00	3.00					0.00	**culvert**
	50.00	86.00		1.00	30.00					30.00	
	86.00	92.00		0.00	6.00					0.00	**culvert**
	92.00	122.00		1.00	27.00					27.00	
	122.00	152.00		1.00	26.00					26.00	
	152.00	172.50		1.00	20.00					20.00	
	172.50	179.10		0.00	6.60					0.00	**culvert**
	179.10	209.10		1.00	22.00					22.00	
	209.10	239.10		1.00	25.00					25.00	
	239.10	269.10		1.00	25.00					25.00	
	269.10	299.10		1.00	26.00					26.00	
	299.10	326.50		1.00	21.00					21.00	
	326.50	333.00		0.00	6.50					0.00	**culvert**
	333.00	363.00		1.00	28.00					28.00	
	363.00	393.00		1.00	20.00					20.00	
	393.00	423.00		1.00	29.00					29.00	
	423.00	453.00		1.00	28.00					28.00	
	453.00	485.60		1.00	30.00					30.00	
	485.60	497.00		0.00	11.40					0.00	**culvert**
	497.00	527.00		1.00	28.00					28.00	
	527.00	557.00		1.00	27.00					27.00	
	557.00	587.00		1.00	28.00					28.00	
	587.00	617.00		1.00	29.00					29.00	
	617.00	647.00		1.00	27.00					27.00	
	647.00	677.00		1.00	25.00					25.00	
	677.00	707.00		1.00	26.00					26.00	
	707.00	712.50		1.00	5.50					5.50	
	712.50	719.00		1.00	6.50					6.50	
	719.00	749.00		1.00	25.00					25.00	
	749.00	779.00		1.00	26.00					26.00	
	779.00	811.00		1.00	30.00					30.00	
	LHS										
	0.00	29.90		1.00	29.00					29.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvements to Roads in Sahakar nagara from Big market to Ayyappa Swamy Temple Via Temple Kanti Sweets and Ganesha Temple Road in ward No 07,Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	29.90	37.20		0.00	7.30					0.00	culvert
	37.20	70.50		1.00	30.00					30.00	
	70.50	77.10		0.00	6.60					0.00	culvert
	77.10	92.00		1.00	13.00					13.00	
	92.00	108.30		1.00	15.00					15.00	
	108.30	115.20		0.00	6.90					0.00	culvert
	115.20	145.20		1.00	26.00					26.00	
	145.20	175.20		1.00	28.00					28.00	
	175.20	207.00		1.00	30.00					30.00	
	207.00	214.60		0.00	7.60					0.00	culvert
	214.60	243.10		1.00	28.00					28.00	
	243.10	249.80		0.00	6.70					0.00	culvert
	249.80	279.80		1.00	29.00					29.00	
	279.80	285.00		1.00	5.20					5.20	
	285.00	291.00		0.00	6.00					0.00	culvert
	291.00	321.00		1.00	27.00					27.00	
	321.00	347.70		1.00	26.00					26.00	
	347.70	358.20		0.00	10.50					0.00	culvert
	358.20	390.00		1.00	30.00					30.00	
	390.00	399.50		0.00	9.50					0.00	culvert
	399.50	429.50		1.00	29.00					29.00	
	429.50	459.50		1.00	28.00					28.00	
	459.50	489.50		1.00	29.00					29.00	
	489.50	510.00		1.00	20.50					20.50	
	510.00	520.00		0.00	10.00					0.00	culvert
	520.00	550.00		1.00	27.00					27.00	
	550.00	580.00		1.00	25.00					25.00	
	580.00	610.00		1.00	27.00					27.00	
	610.00	640.00		1.00	28.00					28.00	
	640.00	670.00		1.00	29.00					29.00	
	670.00	700.00		1.00	27.00					27.00	
	700.00	730.00		1.00	29.00					29.00	
	730.00	760.00		1.00	29.00					29.00	
	760.00	790.00		1.00	29.00					29.00	
	790.00	816.00		1.00	24.00					24.00	
								Total Qty		1368.70	M

Consultant

Assistant Engineer

AE(W3) 16/1/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	apprtment side										
	0.00	30.00	L/S	1.00	30.00			0.80	0.70	16.80	
	30.00	60.00	L/S	1.00	30.00			0.80	0.70	16.80	
	60.00	65.15	L/S	1.00	5.15			0.80	0.70	2.88	
	1st Main Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.80	0.70	16.80	
	30.00	60.00	L/S	1.00	30.00			0.80	0.70	16.80	
	60.00	90.00	L/S	1.00	30.00			0.80	0.70	16.80	
	90.00	120.00	L/S	1.00	30.00			0.80	0.70	16.80	
	120.00	150.00	L/S	1.00	30.00			0.80	0.70	16.80	
	150.00	177.00	L/S	1.00	27.00			0.80	0.70	15.12	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.80	0.70	16.80	
	30.00	45.00	R/S	1.00	15.00			0.80	0.70	8.40	
	45.00	74.00	R/S	1.00	29.00			0.80	0.70	16.24	
	82.00	112.00	R/S	1.00	30.00			0.80	0.70	16.80	
	112.00	142.00	R/S	1.00	30.00			0.80	0.70	16.80	
	142.00	172.00	R/S	1.00	30.00			0.80	0.70	16.80	
	172.00	177.00	R/S	1.00	5.00			0.80	0.70	2.80	
	Connecting Road From 1st Mn to 2nd Main Road										
	LHS										
	0.00	26.40	L/S	1.00	26.40			0.80	0.70	14.78	
	RHS										
	0.00	26.40	R/S	1.00	26.40			0.80	0.70	14.78	
	2nd Main Road										
	LHS										
	0.00	19.00	L/S	1.00	19.00			0.80	0.70	10.64	
	25.50	30.00	L/S	1.00	4.50			0.80	0.70	2.52	
	30.00	60.00	L/S	1.00	30.00			0.80	0.70	16.80	
	60.00	87.00	L/S	1.00	27.00			0.80	0.70	15.12	
	91.00	103.70	L/S	1.00	12.70			0.80	0.70	7.11	
	103.70	118.00	L/S	1.00	14.30			0.80	0.70	8.01	
	123.00	148.60	L/S	1.00	25.60			0.80	0.70	14.34	
	154.00	184.00	L/S	1.00	30.00			0.80	0.70	16.80	
	184.00	202.00	L/S	1.00	18.00			0.80	0.70	10.08	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.80	0.70	16.80	
	30.00	60.00	R/S	1.00	30.00			0.80	0.70	16.80	
	60.00	90.00	R/S	1.00	30.00			0.80	0.70	16.80	
	90.00	120.00	R/S	1.00	30.00			0.80	0.70	16.80	

Consultant

TEJUS CONSULTANTS

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

N.D
AE(WT)
19/12/18

Assistant Executive Engineer

19/12

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	120.00	150.00	R/S	1.00	30.00			0.80	0.70	16.80	
	150.00	167.90	R/S	1.00	17.90			0.80	0.70	10.02	
	1st Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.70	0.60	12.60	
	30.00	46.30	L/S	1.00	16.30			0.70	0.60	6.85	
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.70	0.60	12.60	
	30.00	44.90	L/S	1.00	14.90			0.70	0.60	6.26	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.70	0.60	12.60	
	30.00	44.90	R/S	1.00	14.90			0.70	0.60	6.26	
	3rd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.70	0.60	12.60	
	30.00	44.60	L/S	1.00	14.60			0.70	0.60	6.13	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.70	0.60	12.60	
	30.00	44.60	R/S	1.00	14.60			0.70	0.60	6.13	
	4th Cross Road										
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.70	0.60	12.60	
	30.00	44.00	R/S	1.00	14.00			0.70	0.60	5.88	
	Culvert										
	1st Main Road										
	RHS										
	74.00	82.00	R/S	1.00	8.00			1.80	0.80	11.52	
								Total		**579.88**	**Cum**

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

22/12/18

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
7	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	apprtment side										
	0.00	30.00	L/S	1.00	30.00				1.80	54.00	
	30.00	60.00	L/S	1.00	30.00				1.80	54.00	
	60.00	65.15	L/S	1.00	5.15				1.80	9.27	
	1st Main Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00				1.80	54.00	
	30.00	60.00	L/S	1.00	30.00				1.80	54.00	
	60.00	90.00	L/S	1.00	30.00				1.80	54.00	
	90.00	120.00	L/S	1.00	30.00				1.80	54.00	
	120.00	150.00	L/S	1.00	30.00				1.80	54.00	
	150.00	177.00	L/S	1.00	27.00				1.80	48.60	
	RHS										
	0.00	30.00	R/S	1.00	30.00				1.80	54.00	
	30.00	45.00	R/S	1.00	15.00				1.80	27.00	
	45.00	74.00	R/S	1.00	29.00				1.80	52.20	
	82.00	112.00	R/S	1.00	30.00				1.80	54.00	
	112.00	142.00	R/S	1.00	30.00				1.80	54.00	
	142.00	172.00	R/S	1.00	30.00				1.80	54.00	
	172.00	177.00	R/S	1.00	5.00				1.80	9.00	
	Connecting Road From 1st Mn to 2nd Main Road										
	LHS										
	0.00	26.40	L/S	1.00	26.40				1.80	47.52	
	RHS										
	0.00	26.40	R/S	1.00	26.40				1.80	47.52	
	2nd Main Road										
	LHS										
	0.00	19.00	L/S	1.00	19.00				1.80	34.20	
	25.50	30.00	L/S	1.00	4.50				1.80	8.10	
	30.00	60.00	L/S	1.00	30.00				1.80	54.00	
	60.00	87.00	L/S	1.00	27.00				1.80	48.60	
	91.00	103.70	L/S	1.00	12.70				1.80	22.86	
	103.70	118.00	L/S	1.00	14.30				1.80	25.74	
	123.00	148.60	L/S	1.00	25.60				1.80	46.08	
	154.00	184.00	L/S	1.00	30.00				1.80	54.00	
	184.00	202.00	L/S	1.00	18.00				1.80	32.40	
	RHS										
	0.00	30.00	R/S	1.00	30.00				1.80	54.00	
	30.00	60.00	R/S	1.00	30.00				1.80	54.00	
	60.00	90.00	R/S	1.00	30.00				1.80	54.00	
	90.00	120.00	R/S	1.00	30.00				1.80	54.00	
	120.00	150.00	R/S	1.00	30.00				1.80	54.00	
	150.00	167.90	R/S	1.00	17.90				1.80	32.22	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	1st Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00				1.50	45.00	
	30.00	46.30	L/S	1.00	16.30				1.50	24.45	
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00				1.50	45.00	
	30.00	44.90	L/S	1.00	14.90				1.50	22.35	
	RHS										
	0.00	30.00	R/S	1.00	30.00				1.50	45.00	
	30.00	44.90	R/S	1.00	14.90				1.50	22.35	
	3rd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00				1.50	45.00	
	30.00	44.60	L/S	1.00	14.60				1.50	21.90	
	RHS										
	0.00	30.00	R/S	1.00	30.00				1.50	45.00	
	30.00	44.60	R/S	1.00	14.60				1.50	21.90	
	4th Cross Road										
	RHS										
	0.00	30.00	R/S	1.00	30.00				1.50	45.00	
	30.00	44.00	R/S	1.00	14.00				1.50	21.00	
								Total		**1867.26**	**Sqm**

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

04/02/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike											
Bytarayanapura Division											
Job Code :-											
Name of Agency :- Benaka Developers & Project Pvt.Ltd.											
Bill No :-1st & Part Bill											
Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura											
BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)										
	Culvert										
	1st Main Road										
	RHS										
	74.00	82.00	R/S	1.00	8.00			1.80	0.15	2.16	
								Total		2.16	cum

TEJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE
Benaka

Assistant Engineer
AE(IV)
09/01/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

etailed Measurements

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
16	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)										
	Culvert										
	1st Main Road										
	RHS										
	74.00	82.00	R/S	2.00	8.00			0.45	0.69	4.97	**culvert**
								Total		**4.97**	**cum**

Consultant

Assistant Engineer

AE(WD)
9/01/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike											
Bytarayanapura Division											
Job Code :-											
Name of Agency :- Benaka Developers & Project Pvt.Ltd.											
Bill No :-1st & Part Bill											
Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura											
BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
17	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)										
	Culvert										
	1st Main Road										
	RHS										
	74.00	82.00	R/S	2.00	8.00				0.69	11.04	culvert
								Total		11.04	Sqm

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

N.D
Assistant Engineer
AE(WA)
07/01/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
18	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)										
	Culvert										
	1st Main Road										
	RHS										
	74.00	82.00	R/S	1.00	8.00			0.45	0.075	0.27	**culvert**
								Total		**0.27**	**Cum**

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

AE(W-I)

07/02/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike											
Bytarayanapura Division											
Job Code :-											
Name of Agency :- Benaka Developers & Project Pvt.Ltd.											
Bill No :-1st & Part Bill											
Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura											
BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
21	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
	Culvert										
	1st Main Road										
	RHS										
	74.00	82.00	R/S	1.00	8.00			1.80		14.40	culvert
								Total		14.40	Sqm

Consultant

Assistant Engineer

N.D
AE(WR)
08/01/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
22	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	1st Main Road										
	0.00	30.00		1.00	30.00	10.15	10.40	10.28	0.23	70.90	
	30.00	60.00		1.00	30.00	10.40	10.35	10.38	0.23	71.59	
	60.00	90.00		1.00	30.00	10.35	10.50	10.43	0.23	71.93	
	90.00	120.00		1.00	30.00	10.50	10.20	10.35	0.23	71.42	
	120.00	150.00		1.00	30.00	10.20	10.30	10.25	0.23	70.73	
	150.00	177.00		1.00	27.00	10.30	10.30	10.30	0.23	63.96	
	Connecting Road From 1st Mn to 2nd Main Road										
	0.00	26.40		1.00	26.40	7.70	7.70	7.70	0.23	46.75	
	2nd Main Road										
	0.00	30.00		1.00	30.00	9.40	9.40	9.40	0.23	64.86	
	30.00	60.00		1.00	30.00	9.40	9.50	9.45	0.23	65.21	
	60.00	90.00		1.00	30.00	9.50	10.35	9.93	0.23	68.48	
	90.00	103.70		1.00	13.70	10.35	10.40	10.38	0.23	32.69	
	105.50	120.00		1.00	14.50	10.40	9.90	10.15	0.23	33.85	
	120.00	150.00		1.00	30.00	9.90	9.30	9.60	0.23	66.24	
	150.00	180.00		1.00	30.00	9.30	9.50	9.40	0.23	64.86	
	180.00	211.00		1.00	31.00	9.50	8.60	9.05	0.23	64.53	
	1st Cross Road										
	0.00	30.00		1.00	30.00	6.60	6.50	6.55	0.23	45.20	
	30.00	46.30		1.00	16.30	6.50	6.40	6.45	0.23	24.18	
								Total		**997.37**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains from Bhuvaneshwarinagar Park via Gopalappa Layout to Cofee board Layout Park Road and Surrounding areas (Cubic Apartments Area) in Ward No.7,Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
25	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	1st Main Road										
	0.00	30.00		1.00	30.00	10.15	10.40	10.28	0.23	70.90	
	30.00	60.00		1.00	30.00	10.40	10.35	10.38	0.23	71.59	
	60.00	90.00		1.00	30.00	10.35	10.50	10.43	0.23	71.93	
	90.00	120.00		1.00	30.00	10.50	10.20	10.35	0.23	71.42	
	120.00	150.00		1.00	30.00	10.20	10.30	10.25	0.23	70.73	
	150.00	177.00		1.00	27.00	10.30	10.30	10.30	0.23	63.96	
	Connecting Road From 1st Mn to 2nd Main Road										
	0.00	26.40		1.00	26.40	7.70	7.70	7.70	0.23	46.75	
	2nd Main Road										
	0.00	30.00		1.00	30.00	9.40	9.40	9.40	0.23	64.86	
	30.00	60.00		1.00	30.00	9.40	9.50	9.45	0.23	65.21	
	60.00	90.00		1.00	30.00	9.50	10.35	9.93	0.23	68.48	
	90.00	103.70		1.00	13.70	10.35	10.40	10.38	0.23	32.69	
	105.50	120.00		1.00	14.50	10.40	9.90	10.15	0.23	33.85	
	120.00	150.00		1.00	30.00	9.90	9.30	9.60	0.23	66.24	
	150.00	180.00		1.00	30.00	9.30	9.50	9.40	0.23	64.86	
	180.00	211.00		1.00	31.00	9.50	8.60	9.05	0.23	64.53	
	1st Cross Road										
	0.00	30.00		1.00	30.00	6.60	6.50	6.55	0.23	45.20	
	30.00	46.30		1.00	16.30	6.50	6.40	6.45	0.23	24.18	
								Total		**997.37**	**Cum**

Consultant

Assistant Engineer

AE(RT)

13/1/19

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :-										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Improvements to roads and drains Amruthanagara A sector and D Munishamappa Layout in ward no 07.Byataryanapura										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)									
	Amruth Nagar Sector A									
	Culverts									
	Culvert No 1									
			1.00	7.50			2.00	0.92	13.80	
	Culvert No 2									
			1.00	6.20			2.00	0.92	11.41	
	Culvert No 3									
			1.00	5.00			2.00	0.69	6.90	
	Culvert No 4									
			1.00	6.20			2.00	0.69	8.56	
	Culvert No 5									
			1.00	3.80			2.00	0.69	5.24	
	Culvert No 6									
			1.00	5.00			2.00	0.69	6.90	
	Culvert No 7									
			1.00	3.80			2.00	0.69	5.24	
							Total		58.05	Cum

Consultant

Assistant Engineer

AE(L27)
10/12/18

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains Amruthanagara A sector and D Munishamappa Layout in ward no 07.Byataryanapura

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,									
	Amruth Nagar Sector A									
	Culverts									
	Culvert No 1									
			1.00	7.50			2.00	0.15	2.25	
	Culvert No 2									
			1.00	6.20			2.00	0.15	1.86	
	Culvert No 3									
			1.00	5.00			2.00	0.15	1.50	
	Culvert No 4									
			1.00	6.20			2.00	0.15	1.86	
	Culvert No 5									
			1.00	3.80			2.00	0.15	1.14	
	Culvert No 6									
			1.00	5.00			2.00	0.15	1.50	
	Culvert No 7									
			1.00	3.80			2.00	0.15	1.14	
							Total		**11.25**	**cum**

M/S CG CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE
Benaka

Assistant Engineer
AE(Civil)
15/12/18

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains Amruthanagara A sector and D Munishamappa Layout in ward no 07.Byataryanapura

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
16	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)									
	Amruth Nagar Sector A									
	Culverts									
	Culvert No 1									
			2.00	7.50			0.60	0.92	8.28	
	Culvert No 2									
			2.00	6.20			0.60	0.92	6.84	
	Culvert No 3									
			2.00	5.00			0.60	0.69	4.14	
	Culvert No 4									
			2.00	6.20			0.60	0.69	5.13	
	Culvert No 5									
			2.00	3.80			0.60	0.69	3.15	
	Culvert No 6									
			2.00	5.00			0.60	0.69	4.14	
	Culvert No 7									
			2.00	3.80			0.60	0.69	3.15	
							Total		**34.83**	**cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains Amruthanagara A sector and D Munishamappa Layout in ward no 07.Byataryanapura

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
17	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)									
	Amruth Nagar Sector A									
	Culverts									
	Culvert No 1									
			2.00	7.50				0.92	13.80	
	Culvert No 2									
			2.00	6.20				0.92	11.41	
	Culvert No 3									
			2.00	5.00				0.69	6.90	
	Culvert No 4									
			2.00	6.20				0.69	8.56	
	Culvert No 5									
			2.00	3.80				0.69	5.24	
	Culvert No 6									
			2.00	5.00				0.69	6.90	
	Culvert No 7									
			2.00	3.80				0.69	5.24	
							Total		**58.05**	Sqm

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

17/12/18

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :-										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Improvements to roads and drains Amruthanagara A sector and D Munishamappa Layout in ward no 07.Byataryanapura										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
18	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)									
	Amruth Nagar Sector A									
	Culverts									
	Culvert No 1									
			2.00	7.50			0.60	0.10	0.90	
	Culvert No 2									
			2.00	6.20			0.60	0.10	0.74	
	Culvert No 3									
			2.00	5.00			0.60	0.10	0.60	
	Culvert No 4									
			2.00	6.20			0.60	0.10	0.74	
	Culvert No 5									
			2.00	3.80			0.60	0.10	0.46	
	Culvert No 6									
			2.00	5.00			0.60	0.10	0.60	
	Culvert No 7									
			2.00	3.80			0.60	0.10	0.46	
							Total		4.50	Cum

TEJUS CONSULTANTS

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Benaka

Assistant Engineer

AE(Ex)
29/12/18

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Improvements to roads and drains Amruthanagara A sector and D Munishamappa Layout in ward no 07.Byataryanapura

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
21	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Amruth Nagar Sector A									
	Culverts									
	Culvert No 1									
			1.00	7.50			1.80		13.50	
	Culvert No 2									
			1.00	6.20			1.80		11.16	
	Culvert No 3									
			1.00	5.00			1.80		9.00	
	Culvert No 4									
			1.00	6.20			1.80		11.16	
	Culvert No 5									
			1.00	3.80			1.80		6.84	
	Culvert No 6									
			1.00	5.00			1.80		9.00	
	Culvert No 7									
			1.00	3.80			1.80		6.84	
							Total		**67.50**	**Sqm**

TEDDS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE
Benaka

Assistant Engineer
AE(W)
16/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.